

myJobCard for Industry 4.0: Digitise asset maintenance checklists and mobile enable SAP PM.

Summary

- » **Company**
A leading car manufacturer
- » **Headquarters**
Central Europe
- » **Industry**
Automobile
- » **Employees**
300,000 +

Solution

myJobCard mobile solution for SAP plant maintenance with integrated form engine



Android Tablets
Deployed on Android tablet devices.



10 weeks
Project delivered in 10 weeks.



50 users
Initially rolled out to 50 users with plans of expansion.

We recently partnered with a leading car manufacturer's South African Team. They had been using the SAP Plant Maintenance module but had not managed to capture all of their data in SAP. They were still heavily reliant on paper-based systems which then meant data had to be manually entered.

They were looking for a new way of streamlining their asset maintenance processes and to go paper-free in a way that would make their workforce more empowered and efficient. They also wanted to enable supervisors to be with the teams on the factory floor and access all required maintenance statuses on a tablet device.

“ I would definitely recommend working with On Device Solutions.

We were really struggling to find a mobile solution that would work online and offline so we could go paper-free.

Now we've taken out the heavily manual processes we had in place and given our technicians a solution that works for them.

Systems Analyst,
Car Manufacturing Client

Work Orders			
Total Work Orders: 8/8			
Filter			
Search			
4002652	ZPM1		
Pipe Leakage Breakdown Maintenance			
Due : 21-10-2020 B913WE			
4002659	ZPM2		
Boiler Preventive Maintenance Workorder			
Due : 22-10-2020 B913WE			
201300	ZIS1		
Asset Inspection Work Order			
Due : 22-10-2020			
4002691	ZRM1		
Centrifugal Pump Factory Round WorkOrder			
Due : 22-10-2020 B913DL			

Standard myJobCard screenshot

On Device Solutions worked with the South African team to implement myJobCard.

With myJobCard, over 800 asset maintenance paper forms were digitised. With myJobCard's form engine, technicians can simply complete forms on their Android mobile devices and the data is fed directly into SAP and stored in a structured way.

Key features:

- Simple UI for SAP Plant Maintenance module.
- Easy to use solution with lower training requirements.
- Elimination of paper-based asset maintenance processes including 800 maintenance checklists.
- Supervisor role to enable the supervisor to be on the factory floor.
- The technician has access to up to date information in the field.

How does myJobCard work for this client?

- Work Orders are generated from SAP ECC and received via myJobCard on technicians work mobile devices.
- The technicians are able to update the status of the Work Order.
- Technicians can complete asset maintenance checklist forms on their mobile device.
- Supervisors are able to access any inputs from the technicians and can sign off the forms completed by the technicians.
- All data is captured in SAP.

What are the benefits?

This solution has already been rolled out to over 50 staff members and there are plans to increase this roll out further.

The key benefits for the client are:

- Better compliance and audit history.
- Improved data quality through built-in data validation checks, including supervisor review and sign off.
- Increased efficiency in asset maintenance operations by removing redundant admin steps.
- 100% visibility on Work Orders delivered through myJobCard.
- Real-time data update enables optimal maintenance planning.
- Dynamic Form Engine – To capture real-time data on a mobile device and updated in SAP.
- Data capture at the point of action.
- Available offline, particularly beneficial in large factories or when technicians are out in the field and mobile connectivity isn't guaranteed.
- COVID safe environment with no use of paper.
- Retrospective analytics on data captured through checklists to drive ongoing process improvements.

We are thrilled that myJobCard was the right paperless enterprise mobility solution for our client and hope that this will be the start of a long working relationship.

We know how much of an impact we can make, improving productivity and reducing a companies carbon footprint simultaneously.

If you'd like to find out more about how we can help your business. Get in touch today via info@ondevicesolutions.com - we look forward to working with you!



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